

Description of a new species of *Petrogale*.
By Dr. J. E. GRAY, F.R.S., V.P.Z.S. &c.

Yellow-legged Rock-Kangaroo, *Petrogale wanthropus*.

Pale brown, minutely grizzled; chin and beneath white: streak on side from the back of shoulder, and along the side of the face under the eye, whitish; dorsal streak narrow, brown; legs, feet, and tail bright yellow; end of tail more bushy and varied with brown.

Australia (Richmond River?)

This species has all the markings as in *Petrogale lateralis*, but differs in being of a much paler and yellower colour, and in the bright yellow colour of the legs and basal part of the tail. It is about the same size as *P. penicillatus*, or rather between it and *P. lateralis*.

There are two specimens of this species (male and female) procured by Mr. Strange.—*Proc. Zool. Soc.* Nov. 14, 1854.

METEOROLOGICAL OBSERVATIONS FOR SEPT. 1855.

Chiswick.—September 1. Clear and fine: cloudy. 2. Cloudy. 3. Clear: slight shower: fine. 4. Cloudy. 5. Fine: cloudy: clear and cold at night. 6. Clear: cloudy. 7. Very clear: cloudy: fine. 8. Dense fog: clear and very fine. 9. Very fine. 10. Foggy: fine: very clear. 11. Very fine. 12. Slight fog: very fine: clear: rain at night. 13. Rain. 14. Constant rain. 15. Uniformly overcast: fine. 16. Overcast: clear and fine. 17. Rain: hazy: overcast. 18. Hazy: overcast. 19. Slight haze: fine. 20—22. Foggy in the mornings: very fine. 23. Fine: cloudy: very clear. 24. Overcast. 25. Fine: cloudy: clear: frosty at night. 26. Slight haze: very dry air: frosty at night. 27. Foggy: very fine: lousy. 28, 29. Cloudy: rain. 30. Hazy: cloudy: rain at night.

Mean temperature of the month	56°·11
Mean temperature of Sept. 1854	56·93
Mean temperature of Sept. for the last twenty-nine years ...	56·98
Average amount of rain in Sept.	2·503 inches.

Boston.—Sept. 1. Cloudy: rain P.M. 2—6. Cloudy. 7, 8. Fine. 9, 10. Cloudy. 11, 12. Fine. 13. Fine: rain A.M. 14—18. Cloudy. 19, 20. Fine. 21, 22. Cloudy. 23. Fine. 24. Fine: rain A.M. 25. Cloudy. 26, 27. Fine. 28. Fine: rain P.M. 29. Cloudy: rain A.M. 30. Cloudy.

Sandwich Manse, Orkney.—Sept. 1, 2. Bright A.M.: cloudy P.M. 3. Cloudy A.M. and P.M. 4. Bright A.M.: clear P.M. 5. Showers A.M.: clear P.M. 6. Drizzle A.M. and P.M. 7. Cloudy A.M.: showers P.M. 8. Clear A.M.: showers P.M. 9. Bright A.M.: showers P.M. 10. Cloudy A.M.: showers, aurora P.M. 11. Showers A.M.: cloudy, aurora P.M. 12. Rain A.M.: clear, aurora P.M. 13. Cloudy A.M.: clear P.M. 14. Cloudy, hoar-frost A.M.: clear, aurora P.M. 15. Bright, hoar-frost A.M.: cloudy P.M. 16. Showers A.M.: clear P.M. 17, 18. Showers A.M. and P.M. 19. Cloudy A.M.: drops P.M. 20. Cloudy A.M. and P.M. 21. Showers A.M.: drizzle P.M. 22. Damp A.M.: drizzle P.M. 23. Cloudy A.M.: clear, fine P.M. 24. Clear A.M.: fine, cloudy P.M. 25. Cloudy A.M.: fine, drops P.M. 26. Drops A.M.: fine, clear P.M. 27. Drops A.M.: cloudy P.M. 28. Drops A.M. and P.M. 29. Rain A.M.: fog P.M. 30. Fog A.M. and P.M.

Mean temperature of Sept. for twenty-eight previous years ...	52°·42
Mean temperature of this month	52·74
Mean temperature of Sept. 1854	55·07
Average quantity of rain in Sept. for fifteen previous years ...	2·81 inches.